



RURAL DISTRICT COUNCIL OF
UPTON-UPON-SEVERN

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REPORT

OF

Medical Officer of Health

AND

Public Health Inspector

for the Year ended

31st DECEMBER, 1964



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UPTON UPON SEVERN RURAL DISTRICT COUNCIL.

Report for the Year 1964.

To the Chairman and Members of the District Council.

Mr. Chairman, Ladies and Gentlemen,

I have the honour to present my report for the year, 1964.

There are one or two matters which should be commented upon.

First of all, there has been a very low incidence generally of infectious disease.

I must draw your attention to the number of deaths that have occurred in the past six years from cancer of the lung. You will see from the figures set out that the deaths are now beginning to attack the female population as well as the males and it must be assumed that there will be a tendency towards a progressive increase in the number of deaths in women of cancer of the lung. The really large increase in smoking in women having occurred at the beginning of the last war.

YEAR	MALES	FEMALES
1963	5	3
1962	6	0
1961	4	0
1960	9	1
1959	4	0

I would also like to draw your attention to Mr. Cromwell's report on piped water supplies. There have been well founded complaints on the hardness of the water within the South Western area of the district. Although this does not constitute a hazard to the health of the community, it does provide a great many plumbing difficulties in the parishes supplied from this source.

Two years ago 107 houses were scheduled under the Housing Act and will need replacement within the near future. During 1964, nine houses were dealt with. Five families were rehoused by the Council, two old people died and two others were able to find their own accommodation. Further details of the present housing situation is included in the Health Inspector's section and I would earnestly recommend that serious consideration is given to this matter before an intolerable situation arises within the district.

You will have received at about the time that this report is published, a separate report on the movement of the population of Malvern U. D. and Upton R. D. between 1951 and 1961. The closure of the camps and military installations in the district during this period accounts for some of the loss of population

/between the.....

between the ages of 20 and 40. It does not, however, appear to account for the whole loss and it is apparent that the drift from the country to the town is still very strong. The total increase of population between 1961 and 1964 is of the order of three per cent. A study of the 340 houses completed and occupied in these three years shows that most of the building has taken place at Kempsey, Powick and to a lesser extent at Ripple, and almost certainly the increase in the population of these parishes is responsible for the whole of the increase of population of the Rural District.

I must point out that the figures on which these calculations were based were not issued by the Registrar General until December, 1964 and I, therefore, was unable to start work on the population movement until 1965.

Finally, I should like to thank all members of the Department for the happy and friction free atmosphere in which our work has been carried out.

H. F. GREEN.

Medical Officer of Health.

STATISTICS AND SOCIAL CONDITIONS OF THE AREA:-

Acreage	...	...	...	...	...	...	...	...	...	...	50,947.
Number of inhabited houses according to the rate books.	...	...	...	...	...	...	...	...	...	...	4,438.
Rateable Value.	...	...	...	...	...	...	...	...	...	...	357,514.
Sum represented by a penny rate.	...	...	...	...	...	...	...	...	...	...	£1,411.
Resident population (Registrar General's Estimate)	...	...	...	...	...	...	...	...	...	...	14,490.

LIVE BIRTHS.

Number	...	...	...	...	...	...	...	...	...	...	196.
Rate per 1,000 population.	...	...	...	...	...	...	...	...	...	...	15.6

ILLEGITIMATE LIVE BIRTHS.

Number	...	...	...	...	...	...	...	...	...	...	8.
Per cent of total live births.	...	...	...	...	...	...	...	...	...	...	4.08.

STILLBIRTHS.

Number	...	...	...	...	...	...	...	...	...	...	4.
Rate per 1,000 total live and still births.	...	...	...	...	...	...	...	...	...	...	20.

LIVE AND STILL BIRTHS.

Number	...	...	...	...	...	...	...	...	...	...	200.
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INFANT DEATHS.

Number of deaths under one year	...	...	...	...	...	...	...	...	...	...	7.
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INFANT MORTALITY RATES.

Total infant deaths per 1,000 total live births.	...	...	...	...	...	...	...	...	...	...	35.7.
Legitimate infant deaths per 1,000 legitimate live births	...	...	...	...	...	...	...	...	...	...	31.9.
Illegitimate infant deaths per 1,000 illegitimate live births.	...	...	...	...	...	...	...	...	...	...	125.

<u>NEO-NATAL MORTALITY RATE.</u> (deaths under four week per 1,000 total live births)	...	...	...	...	...	...	...	...	...	...	30.6.
---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-------

<u>EARLY NEO-NATAL MORTALITY RATE.</u> (deaths under one week per 1,000 total live births)	...	...	...	...	...	...	...	...	...	...	30.6.
--	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-------

<u>PERINATAL MORTALITY RATE.</u> (stillbirths and deaths under one week combined per 1,000 total live and still births)	...	...	...	...	...	...	...	...	...	...	50.
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MATERNAL MORTALITY.

Number of deaths	...	...	...	...	...	...	...	...	...	...	NIL.
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DEATHS.

Total Deaths	...	...	...	...	...	...	...	...	...	227.
Rate per 1,000 population	...	...	...	...	...	...	...	...	...	7.6.

CAUSES OF DEATHS.
(All Ages.)

	M.	F.	Total.
Tuberculosis, Respiratory.	1.	2.	3.
Other Infective and Parasitic Diseases.	1.	-	1.
Malignant Neoplasm, Stomach.	1.	1.	2.
Malignant Neoplasm, Lung, Bronchus.	5.	3.	8.
Malignant Neoplasm, Breast.	-	3.	3.
Malignant Neoplasm, Uterus.	-	3.	3.
Other Malignant and Lymphatic Neoplasms.	9.	11.	20.
Leukaemia, Aleukaemia.	2.	1.	3.
Diabetes.	1.	1.	2.
Vascular Lesions of Nervous System.	10.	11.	21.
Coronary Disease, Angina.	18.	8.	26.
Hypertension with Heart Disease.	1.	5.	6.
Other Heart Disease.	8.	5.	13.
Other Circulatory Disease.	6.	9.	15.
Pneumonia.	13.	12.	25.
Bronchitis.	8.	2.	10.
Other Diseases of Respiratory System.	5.	1.	6.
Ulcer of Stomach and Duodenum.	2.	3.	5.
Gastritis, Enteritis and Diarrhoea.	1.	1.	2.
Nephritis and Nephrosis.	-	3.	3.
Congenital Malformations.	3.	1.	4.
Other Defined and Ill-Defined Diseases.	13.	13.	26.
Motor Vehicle Accidents.	3.	1.	4.
All Other Accidents.	2.	8.	10.
Suicide.	4.	1.	5.
Homicide and Operations of War.	-	1.	1.
TOTAL	117.	110.	227.

INFECTIOUS DISEASE.

Table shewing number of cases of Infectious Disease notified during the Year.

	Total all ages.	Age Un- Known	0-1 yr.	1-2 yrs	3-4 yrs	5-9 yrs	10-14 yrs	15-24 yrs	Over 25 yrs.
Measles.	76	1	2	13	22	34	4	-	-
Whooping Cough.	4	-	-	1	-	3	-	-	-
Dysentery.	2	-	-	1	-	-	-	-	1
Erysipelas.	1	-	-	-	-	-	-	-	1
Tuberculosis Pulmonary.	4	-	-	-	-	-	-	-	4
Totals.	87	1	2	15	22	37	4	-	6

Tuberculosis.

At the end of 1964 the tuberculosis register contained the names of 16 males and 9 females who normally reside in the district.

SMALLPOX VACCINATION.

Table shewing number of children vaccinated during the year:

	Under 1 yr.	1-2 yrs	2-4 yrs	5-14 yrs	15 & over	Totals.
Number of children receiving primary vaccination.	8	48	5	-	16	77
Number of children re-vaccinated.	-	-	-	2	3	5

WHOOPING COUGH IMMUNISATION.

Table shewing number of children who have completed a primary course of pertussis vaccine (singly or in combination) during the year:

	0-4 yrs	5-14 yrs	Total
Number of children immunised	170	-	170

DIPHTHERIA IMMUNISATION.

	Under 1 yr.	1-4 yrs	5-14 yrs	Totals
Children who received a full course of primary immunisation.	60	113	2	175
Children who received a re-inforcing injection.	-	-	36	36
Children who received a second re-inforcing injection	-	4	68	72

GENERAL PROVISION OF HEALTH SERVICES IN THE AREA

Laboratory Services.

Chemical analysis is carried out by the County Analyst, County Laboratory, Worcester.

Bacteriological examination is carried out at the Public Health Laboratory, Worcester Royal Infirmary.

Clinics.

There are none provided by this Authority.

The County Council have provided by local arrangement with Voluntary Committees, for Infant Welfare Centres, to be held in the following parishes:-

Hanley Swan.	3rd Tuesday in every month.	2.30 p.m.
Kempsey.	1st Thursday in every month.	2.00 p.m.
Longdon.	4th Tuesday in every month	2.00 p.m.
Upton upon Severn	1st and 3rd Tuesday in every month.	2.00 p.m.
Welland.	4th Friday in every month.	2.00 p.m.

Clinics for Maternity and Eye cases are provided at Worcester and Malvern under arrangement made by the County Council.

REPORT OF THE CHIEF PUBLIC HEALTH INSPECTOR.

To the Chairman and Members of the District Council.

Mr. Chairman, Ladies and Gentlemen,

I have pleasure in presenting a report on the work of the Department for the year ended 31st December, 1964.

SUMMARY OF GENERAL VISITS AND INSPECTIONS.

General complaints	...	...	...	...	...	...	123
Improvement Grants - Housing Acts 1949/57	...	...	...	...	...	...	264
Inspections of works in progress	...	...	...	...	...	...	270
Drainage Inspections - supervision of work	...	...	...	...	...	...	163
Drain tests	...	...	...	...	...	...	58
Water supplies and sampling	...	...	...	...	...	...	71
Housing Inspections and visits	...	...	...	...	...	...	39
Visits to temporary dwellings	...	...	...	...	...	...	65
Inspections under Petroleum Regulations	...	...	...	...	...	...	36
Factories Act	...	...	...	...	...	...	44
Infectious Disease and food poisoning							
visits in connection with	...	...	...	...	...	...	14
Miscellaneous visits and revisits	...	...	...	...	...	...	226

INSPECTIONS UNDER FOOD AND DRUGS ACT, 1955.

Inspection of cafes, kitchens, public houses	...	...	...	...	...	24
Inspection of Butchers shops	...	...	...	...	...	15
Inspection of Bakehouses	...	...	...	...	...	13
Inspection of Unsound food	...	...	...	...	...	20
Miscellaneous food visits	...	...	...	...	...	37
Inspection under Public Health (Meat) Regulations	...	...	...	...	...	470

SHOPS ACT 1950.

Number of visits	...	...	...	...	...	...	42
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No action was found necessary as a result of inspections made for the purposes of Sections 37 & 38 (subsections 3, 4 & 5) of the Shops Act, 1950.

OFFICES, SHOPS AND RAILWAY PREMISES ACT 1963.

No additional staff has been appointed to carry out the duties imposed by this Act. Inspections are made as and when other duties permit.

REGISTRATION AND GENERAL INSPECTIONS.

Class of Premises.	Number of premises on register at end of year.	Number of registered premises receiving general inspection during the year.
Offices.	13	-
Retail Shops.	36	12
Wholesale Shops, Warehouses.	-	-
Catering Establishments open to the public, canteens.	24	1
Fuel Storage Depots.	1	-
TOTALS	74	13

Number of visits made for purposes of the Act:- 115.

NUMBER OF PERSONS EMPLOYED IN REGISTERED PREMISES.

Class of Workplace.	Number of Persons Employed.
Offices.	46
Retail Shops.	99
Wholesale Departments, Warehouses.	-
Catering Establishments open to the public.	95
Canteens.	5
Fuel Storage Depots.	16
TOTALS	261

Total Males. 92

Total Females. 169

INSPECTION AND SUPERVISION OF FOOD.

Public Health (Meat) Regulations.

There is 1 licensed slaughterhouse in the area.

Post mortem examination of all animals slaughtered is carried out and for this purpose 470 visits were made during the year.

CARCASES AND OFFAL INSPECTED AND CONDEMNED IN WHOLE OR IN PART.

	Cattle excluding Cows	Cows	Calves	Sheep & Lambs	Pigs
Number Killed	761	3	53	3,435	612
Number Inspected	761	3	53	3,435	612
<u>All diseases except tuberculosis and Cysticerci.</u>					
Whole Caracases condemned.	-	-	2	2	1
Carcases of which some organ or part was condemned.	65	1	3	117	63
Percentage of number inspected affected with disease other than tuberculosis or cysticerci.	8.54%	33.33%	9.43%	3.46%	10.52%
<u>Cysticerci Only.</u>					
Whole carcasses condemned.	-	-	-	-	-
Carcases of which some organ or part was condemned.	6	-	-	-	-
Carcase detained in Cold Storage	6	-	-	-	-
Percentage of number inspected affected with Cysticerci.	.78%	-	-	-	-
<u>Tuberculosis Only.</u>					
Whole carcasses condemned.	-	-	-	-	-
Carcases of which some organ or part was condemned.	-	-	-	-	12
Percentage of number inspected affected with Tuberculosis.	-	-	-	-	1.96%

INSPECTION AND SUPERVISION OF FOOD (cont.)

Number of Food Premises in the District.

Shops:-

Butchers	6
Bakers and Confectioners	5
Grocery and Provisions	32
Fish (Wet and Fried)	1
Cafes' and Refreshment Houses	13
Licensed Premises	53
Food Factories	3

In addition at least ten mobile shops (including Butchers and Wet Fish) are known to trade in the district, coming from depots situated outside the area. The general standard of these vehicles is reasonably good.

Bakehouses:-

There are four bakehouses in operation in the district in all of which a high standard is maintained.

Thirteen inspections were made during the year.

Food and Drugs Act 1955.

Number of premises registered and purpose of registration, under Section 16.

Premises registered for storage and sale of pre-packed ice-cream.	51
Premises registered for manufacture of sausages, pressed meat etc.	5

There are no manufacturers of Ice-cream in the district.

INSPECTION AND SUPERVISION OF FOOD (cont.)

Food Condemned as Unfit for Human Consumption.

Table shewing quantities of food condemned, and surrendered for disposal. (Excluding meat condemned at the Slaughter-house).

Canned Fruits.	24lbs 12oz.
Canned Meats.	39lbs 12oz.
Tripe.	17lbs 0oz.
Pork Carcase Meat.	6lbs 0oz.
Pigs Liver.	4lbs 12oz.
Beef.	20lbs 0oz.
Onions.	100 Bags (50 cwt).

Disposal of Condemned Food.

Large items such as complete carcasses are collected by a specialist firm for processing, but the small items are buried on the Council's refuse tip.

The system has worked reasonably well in the past, but the time is not far distant when the provision of a small incinerator must be considered.

Four complaints concerning dirty milk bottles were received during the year and the dairies concerned were contacted. In one case only was there sufficient evidence to justify legal action and in this case proceedings were instituted.

FOOD HYGIENE REGULATIONS 1955 & 1960.

No formal action was required to be taken during the year in respect of food premises or food handlers.

WATER SUPPLIES.

Public water mains have been laid in every parish and a piped supply is now available to all but the most isolated properties.

During the year complaints were received from the area supplied with the Ketford water, (South Western Scheme), regarding the hardness of the water, and instances were quoted of damage having been caused to water heating systems, particularly to immersion heaters.

The latest sample taken shows the composition of this water to be as follows:-

PHYSICAL CHARACTERS

COLOUR	Colourless.	
ODOUR	None.	
DEPOSIT	None.	pH 7.7

CHEMICAL EXAMINATION (results expressed in parts per million.)

SOLIDS IN SOLUTION (DRIED AT 180°C)	..	..	..	995
" " " AFTER IGNITION	..	..	..	820
CHLORINE PRESENT AS CHLORIDE	..	..	..	235
HARDNESS NON-CARBONATE	..	..	..	144
" CARBONATE	..	..	..	224
" TOTAL	..	..	..	368
AMMONIACAL NITROGEN	..	..	..	Trace
ALBUMINOID NITROGEN	..	..	..	Trace
NITRATE NITROGEN	..	..	..	5.3
NITRITE NITROGEN	..	..	..	Nil
PERMANGANATE VALUE (4 HOURS AT 27°C)	..	..	..	0.10
TOXIC METALS	..	..	..	Nil
TOTAL RESIDUAL CHLORINE	..	..	..	Nil

BACTERIOLOGICAL EXAMINATION

Probable number of coliform bacilli,
MacConkey 2 days, 37°C NIL.....per 100 ml.
Probable number of Bact. coli (Type I).NIL...per 100 ml.

SAMPLING:-

PUBLIC MAINS SUPPLIES

Number of samples submitted for analysis	..	..	24
--	----	----	----

PRIVATE WELLS

Number of samples submitted for analysis	..	..	27
Satisfactory	..	..	11
Unsatisfactory	..	..	16
Number of wells cleansed and repaired as a result of informal action	..	..	4
Number of wells closed during year	..	..	3

SLUM CLEARANCE PROGRAMME.

Due to the very slow progress of the house building programme, slum clearance has practically stopped. Six units consisting of two bungalows and four flats were completed during the year, five of which were used for slum clearance, and one for general needs.

There are, at the present time, no dwellings being erected for slum clearance purposes, the four bungalows nearing completion in Ryall Grove and four bungalows proposed for Welland are intended for "General Needs".

The supplementary slum clearance programme approved in September 1962 referred to 107 dwellings proposed to be dealt with within 5 years, and approval was given for 20 new dwellings to be erected each year for this purpose. Unfortunately, this target has not been reached.

The undermentioned particulars relate to eleven premises the subject of Orders, the tenants of which are still waiting to be rehoused.

Premises.	Name of Tenant.	Type of Order.	Date Made.
63 Deadfields Cottage, Powick.	Miss Tallack.	Demolition Order.	22. 1. 63.
36 Quay Lane, Hanley Castle.	Mr. Underhill.	Closing Order.	25. 9. 62.
1 Napleton Lane, Kempsey.	Mrs. Bunn.	Demolition Order.	27. 6. 61.
2 Napleton Lane, Kempsey.	Mr. W. J. Bishop.	Demolition Order	27. 6. 61.
2 School Lane, Upton-upon-Severn.	Mrs. Finch.	Closing Order.	26. 1. 60.

Confirmed Clearance Area.

1, 3, 5, 7, 9, 12A, Dunns Lane, Upton-upon-Severn.

Number of Premises dealt with during the year:-

Demolition Orders made	...	...	...	...	...	8
Closing Order made	...	...	...	...	...	1
Premises Demolished	...	...	...	...	...	5
Premises Demolished Voluntarily	...	...	...	...	...	-
Premises Reconditioned	...	...	...	...	...	-
Premises where undertakings were accepted	...	...	...	...	...	2

IMPROVEMENT GRANTS.

No action has yet been taken to put into operation part II of the Housing Act, 1964 - the compulsory improvement of dwellings to provide Standard Amenities.

The number of enquiries received, especially for standard grants, shows no signs of diminishing, and each application for consideration is received only following several visits to the premises concerned. The number of visits made during the year in respect of improvement grants totalled 264.

Thirty nine applications for Discretionary Grants were received for consideration during the year. All were approved.

Seventeen applications were received for Standard Grants. All were approved.

RENT ACT, 1957.

No applications for certificates of disrepair were received during the year.

OVERCROWDING.

The standard laid down in the Housing Act is very low, and no cases of legal overcrowding are known to exist.

CLEAN AIR ACT.

One enquiry was received in respect of the installation of a boiler and reconstruction of a chimney.

NOISE ABATEMENT ACT.

One complaint was received from residents adjoining a wood working factory. An improvement was effected but observations are still being made to ascertain whether sufficient evidence is forthcoming to warrant Statutory Action.

REFUSE DISPOSAL.

Refuse collection and disposal is carried out by direct labour and is under the control of the Council's Surveyor.

SEWERAGE AND SEWAGE DISPOSAL.

Complaints continue to be received from all parishes throughout the district, but especially from Kempsey, Naunton in Ripple, Bushley, and Longdon Heath, regarding lack of sewers and nuisance from small privately owned installations.

The provision of a piped water supply is partly to blame, but most of the trouble is due to the spasmodic development permitted without regard for drainage disposal. To endeavour to find a remedy after the premises are erected and the drainage is causing a nuisance is tackling the matter from the wrong end.

Preliminary work for the preparation of sewerage schemes for Severn Stoke and Kinnersley, Earls Croome and Baughton, and Ripple Village and Uckinghall, is still in progress.

SWIMMING BATHS.

There are no publicly owned swimming baths in the district. The privately owned swimming bath at The Lawns Hotel, Kempsey was again open to the public during the summer months.

The size of the bath is 60 feet by 30 feet, the depth at the shallow end is 3 feet 6 inches and at the deep end, 7 feet. The capacity is approximately 64,000 gallons.

The bath is filled from a deep well on the premises.

The water is treated by preliminary screening, filtration, simple chlorination and aeration by means of a "cascade", the turnover period being a maximum of 6 hours.

Samples taken throughout the season indicated that a satisfactory level was maintained.

MORTUARY.

Twelve bodies were received in the Mortuary during the year - post mortems being carried out in three instances.

ANIMAL BOARDING.

Four premises have been licensed under the Animal Boarding Establishments Act, 1963.

One application for a licence was refused.

RODENT CONTROL.

In addition to carrying out treatments, Miss Clements, the Rodent Operator makes systematic inspections of the farms and other business premises in the district, and for this purpose the following visits were made during the year:-

Farms, smallholdings etc	..	..	..	..	..	90.
Other premises	..	..	..	..	..	187.

COMPLAINTS.

Number received	..	..	..	..	..	147.
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INFESTATIONS.

Number treated at Private dwellings	..	..	..	125.
Business premises	..	..	..	106.
Number of Block Treatments	..	..	..	9.
Number of other infestations	..	..	..	9

Disinfestation is carried out free of charge in respect of private residential dwellings, but a charge is made for treatments to farms and other business premises.

PREScribed PARTICULARS IN THE ADMINISTRATION OF THE
FACTORIES ACT, 1937.

INSPECTIONS for purposes of provisions as to health
(including inspections made by Public Health Inspectors)

Premises	Number on Register	Number of		
		Inspections	Written Notices	Occupiers prosecuted
(1) Factories in which Sections 3, 4 & 6 are to be enforced by Local Authorities.	11	10	-	-
(2) Factories not included in (1) in which Section 7 is enforced by the Local Authority.	47	33	-	-
(3) Other premises in which Section 7 is enforced by the Local Authority (excluding out-workers' premises)	-	-	-	-
TOTALS	58	43	-	-

CASES IN WHICH DEFECTS were found.

Particulars.	Number of cases in which defects were found				No. of cases in which prosecutions were instituted
	Found	Remedied	Referred		
			to H.M. Inspector	by H.M. Inspector	
Want of Cleanliness (S.1)	-	-	-	-	-
Overcrowding (S.2)	-	-	-	-	-
Unreasonable temperature (S.3)	-	-	-	-	-
Inadequate Ventilation (S.4)	-	-	-	-	-

Particulars	Number of cases in which defects were found				No of cases in which prosecutions were instituted.
	Found	Remedied	Referred		
			to H.M. Inspector	by H.M. Inspector	
Ineffective drainage of floors (S.6)	-	-	-	-	-
Sanitary Conveniences (S.7)					
(a) Insufficient	1	-	-	1	-
(b) Unsuitable or defective	2	-	-	3	-
(c) Not separate for sexes.	-	-	-	-	-
Other offences against the Act (not including offences relating to Outwork)	-	-	-	-	-
TOTALS	3	-	-	4	-

PART VIII of the Act - OUTWORK (Section 133 & 134)

Two Outworkers, needlework, were in operation in the area during the year.

E. J. CROMWELL.

Chief Public Health Inspector

